# Shenzhen Toby Technology Co., Ltd.

Report No.: TB-FCC178280 Page: 1 of 27

# FCC Radio Test Report FCC ID: XMF-MID1035

## Change II

Report No. : TB-FCC178280

**Applicant**: Lightcomm Technology Co., Ltd.

**Equipment Under Test (EUT)** 

**EUT Name** : 10.1"Tablet **Model No.** : 100026203

**Series Model No.** : MID1035A, 100003562, MID1035

Brand Name : onn

Sample ID : 20201224-13-1#

**Receipt Date** : 2020-12-30

**Test Date** : 2020-12-30 to 2021-01-18

Issue Date : 2021-01-19

Standards : FCC Part 15, Subpart C 15.247

**Test Method** : ANSI C63.10: 2013

Conclusions : PASS

In the configuration tested, the EUT complied with the standards specified above,

The EUT technically complies with the FCC requirements

Test/Witness Engineer : Rehee

Engineer Supervisor

Engineer Manager :

fug Lai.

This report details the results of the testing carried out on one sample. The results contained in this test report do not relate to other samples of the same product. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in the report.

TB-RF-074-1.0





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# **Revision History**

Report No.	Version	Description	Issued Date
TB-FCC178280	Rev.01	Initial issue of report	2021-01-19
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# 1. General Information about EUT

#### 1.1 Client Information

Applicant	:	Lightcomm Technology Co., Ltd.
Address	3	UNIT 1306 13/F ARION COMMERCIAL CENTRE, 2-12 QUEEN'S ROAD WEST, SHEUNG WAN HK
Manufacturer	4.	Huizhou Hengdu Electronics Co., Ltd.
Address		No.8 Huitai Road, Huinan High-tech Industrial Park, Huiao Avenue, Huizhou, Guangdong, China

# 1.2 General Description of EUT (Equipment Under Test)

<b>EUT Name</b>	:	10.1"Tablet			
Models No.		100026203, MID1035A, 100003562, MID1035			
Model Difference	:	All these models are identical in the same PCB, layout and electrica circuit, The only difference is model name and memory capacity.			
		Operation Frequency:	Bluetooth V5.0(BT): 2402~2480 MHz		
- The state of the		Number of Channel:	Bluetooth: 79 Channels see Note 2		
Product		Antenna Gain:	2.92dBi FPC Antenna		
Description	0	Modulation Type:	GFSK π/4-DQPSK 8-DPSK		
Power Rating		Adapter(TEKA-UCA20US) Input: 100-240V~, 50/60Hz, 0.35A MAX Output: DC 5V 2A DC 3.8V by 6600mAh Li-ion Polymer battery			
Software Version	:	RP1A.200720.011 releas	se-keys		
Hardware Version	?	MID1035MQ_MT8768_LPDDR4_DSP_MB-VER1_1			
Connecting I/O Port(S)	•	Please refer to the User's Manual			
Remark		The antenna gain and adapter provided by the applicant, the verified for the RF conduction test provided by TOBY test lab.			

#### Note:

(1) For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.



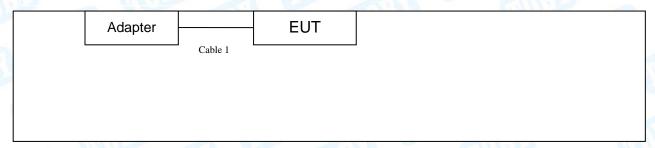
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# (2) Channel List:

	Bluetooth Channel List						
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)		
00	2402	27	2429	54	2456		
01	2403	28	2430	55	2457		
02	2404	29	2431	56	2458		
03	2405	30	2432	57	2459		
04	2406	31	2433	58	2460		
05	2407	32	2434	59	2461		
06	2408	33	2435	60	2462		
07	2409	34	2436	61	2463		
08	2410	35	2437	62	2464		
09	2411	36	2438	63	2465		
10	2412	37	2439	64	2466		
11	2413	38	2440	65	2467		
12	2414	39	2441	66	2468		
13	2415	40	2442	67	2469		
14	2416	41	2443	68	2470		
15	2417	42	2444	69	2471		
16	2418	43	2445	70	2472		
17	2419	44	2446	71	2473		
18	2420	45	2447	72	2474		
19	2421	46	2448	73	2475		
20	2422	47	2449	74	2476		
21	2423	48	2450	75	2477		
22	2424	49	2451	76	2478		
23	2425	50	2452	77	2479		
24	2426	51	2453	78	2480		
25	2427	52	2454				
26	2428	53	2455				

- (3) The Antenna information about the equipment is provided by the applicant.
- 1.3 Block Diagram Showing the Configuration of System Tested

# **Charging + TX Mode**





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TX Mode	W.	Cinco	000	1
				١
		EUT		

# 1.4 Description of Support Units

Equipment Information							
Name Model FCC ID/VOC Manufacturer Used '							
	Cable Information						
Number	Shielded Type	Ferrite Core	Length	Note			
Cable 1	Yes	NO	1.0M	Accessory			

### 1.5 Description of Test Mode

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned follow was evaluated respectively.



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For Conducted Test				
Final Test Mode Description				
Mode 1	Charging + TX Mode Channel 00			
	For Radiated Test			
Final Test Mode	Description			
Mode 1 TX GFSK Mode Channel 00				
Mode 2 TX Mode(GFSK) Channel 00/39/78				
Mode 3	TX Mode( π /4-DQPSK) Channel 00/39/78			
Mode 4	TX Mode(8-DPSK) Channel 00/39/78			
Mode 5	Hopping Mode(GFSK)			
Mode 6 Hopping Mode( π /4-DQPSK)				
Mode 7 Hopping Mode(8-DPSK)				
Remark:				

#### Note:

(1) For all test, we have verified the construction and function in typical operation. And all the test modes were carried out with the EUT in transmitting operation in maximum power with all kinds of data rate. We have pretested all the test modes above.

According to ANSI C63.10 standards, the measurements are performed at the highest, middle, lowest available channels, and the worst case data rate as follows:

TX Mode: GFSK (1 Mbps)

TX Mode: π /4-DQPSK (2 Mbps)
TX Mode: 8-DPSK (3Mbps)

(2) The EUT is considered a portable unit; it was pre-tested on the positioned of each 3 axis, X-plane, Y-plane and Z-plane. The worst case was found positioned on X-plane as the normal use. Therefore only the test data of this X-plane was used for radiated emission measurement test.

### 1.6 Description of Test Software Setting

During testing channel power controlling software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product power parameters of Bluetooth mode.

Test Software Version	LaunchEngmode			
Frequency	2402 MHz	2441MHz	2480 MHz	
GFSK	DEF	DEF	DEF	
π/4-DQPSK	DEF	DEF	DEF	
8-DPSK	DEF	DEF	DEF	



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# 1.7 Measurement Uncertainty

The reported uncertainty of measurement y  $\pm$  U, where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95 %.

Test Item	Parameters	Expanded Uncertainty (U <sub>Lab</sub> )
Conducted Emission	Level Accuracy: 9kHz~150kHz 150kHz to 30MHz	±3.50 dB ±3.10 dB
Radiated Emission	Level Accuracy: 9kHz to 30 MHz	±4.60 dB
Radiated Emission	Level Accuracy: 30MHz to 1000 MHz	±4.50 dB
Radiated Emission	Level Accuracy: Above 1000MHz	±4.20 dB



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#### 1.8 Test Facility

The testing report were performed by the Shenzhen Toby Technology Co., Ltd., in their facilities located at 1A/F., Bldg.6, Yusheng Industrial Zone, The National Road No.107 Xixiang Section 467, Xixiang, Bao'an, Shenzhen, Guangdong, China. At the time of testing, the following bodies accredited the Laboratory:

#### **CNAS (L5813)**

The Laboratory has been accredited by CNAS to ISO/IEC 17025: 2017 General Requirements for the Competence of Testing and Calibration Laboratories for the competence in the field of testing. And the Registration No.: CNAS L5813.

#### A2LA Certificate No.: 4750.01

The laboratory has been accredited by American Association for Laboratory Accreditation(A2LA) to ISO/IEC 17025: 2017 General Requirements for the Competence of Testing and Calibration Laboratories for the technical competence in the field of Electrical Testing. And the A2LA Certificate No.: 4750.01. FCC Accredited Test Site Number: 854351.

#### IC Registration No.: (11950A)

The Laboratory has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing. The site registration: Site# 11950A.



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# 2. Test Summary

FCC Part 15 Subpart C(15.247)/ RSS 247 Issue 2					
Standard Section		Test Item	Toet Sample(s)	Judgm	Remark
FCC	IC	Test Item Test Sample(s)		ent	Remark
15.203	3	Antenna Requirement	N/A	N/A	N/A
15.207	RSS-GEN 7.2.2	Conducted Emission	20201224-13-1#	PASS	N/A
15.205	RSS-Gen 7.2.3	Restricted Bands	N/A	N/A	N/A
15.247(a)(1)	RSS 247 5.1 (2)	Hopping Channel Separation	N/A	N/A	N/A
15.247(a)(1)	RSS 247 5.1 (4)	Dwell Time	N/A	N/A	N/A
15.247(b)(1)	RSS 247 5.4 (2)	Peak Output Power	20201224-13-1#	PASS	N/A
15.247(b)(1)	RSS 247 5.1 (4)	Number of Hopping Frequency	N/A	N/A	N/A
15.247(d)	RSS 247 5.5	Band Edge	N/A	N/A	N/A
15.247(c)& 15.209	RSS 247 5.5	Radiated Spurious Emission	20201224-13-1#	PASS	N/A
15.247(a)	RSS 247 5.1 (1)	99% Occupied Bandwidth & 20dB Bandwidth	N/A	N/A	N/A

#### Note:

- (1) N/A is an abbreviation for Not Applicable.
- (2) This report is Class II change report for the original equipment have changed, the transmitter module itself has not changed. More information about the test data please refer to the original test report.
- (3) As there is no change regard RF transmitter portion and Antenna assembly(Output power for each mode verified), the change will not have effect on Radiated emission above 1GHz by judging for experience, thus testing is performed up to 1GHz only.

# 3. Test Software

Test Item	Test Software	Manufacturer	Version No.
Conducted Emission	EZ-EMC	EZ	CDI-03A2
Radiation Emission	EZ-EMC	EZ	FA-03A2RE



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# 4. Test Equipment

	Test			1	ı
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Due Date
EMI Test Receiver	Rohde & Schwarz	ESCI	100321	Jul. 06, 2020	Jul. 05, 2021
RF Switching Unit	Compliance Direction Systems Inc	RSU-A4	34403	Jul. 06, 2020	Jul. 05, 2021
AMN	SCHWARZBECK	NNBL 8226-2	8226-2/164	Jul. 06, 2020	Jul. 05, 2021
LISN	Rohde & Schwarz	ENV216	101131	Jul. 06, 2020	Jul. 05, 2021
Radiation Emission 1	Test			•	
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Due Date
Spectrum Analyzer	Agilent	E4407B	MY45106456	Jul. 06, 2020	Jul. 05, 2021
EMI Test Receiver	Rohde & Schwarz	ESPI	100010/007	Jul. 06, 2020	Jul. 05, 2021
Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102197	Jul. 06, 2020	Jul. 05, 2021
Bilog Antenna	ETS-LINDGREN	3142E	00117537	Mar.01, 2020	Feb. 28, 2022
Horn Antenna	ETS-LINDGREN	3117	00143207	Mar.01, 2020	Feb. 28, 2022
Horn Antenna	ETS-LINDGREN	BBHA 9170	BBHA9170582	Mar.01, 2020	Feb. 28, 2022
Loop Antenna	SCHWARZBECK	FMZB 1519 B	1519B-059	Jul. 06, 2020	Jul. 05, 2021
Pre-amplifier	Sonoma	310N	185903	Mar.01, 2020	Feb. 28, 2021
Pre-amplifier	HP	8449B	3008A00849	Mar.01, 2020	Feb. 28, 2021
Pre-amplifier	SKET	LNPA_1840G-50	SK201904032	Jul. 07, 2020	Jul. 06, 2021
Cable	HUBER+SUHNER	100	SUCOFLEX	Mar.01, 2020	Feb. 28, 2021
Positioning Controller	ETS-LINDGREN	2090	N/A	N/A	N/A
Antenna Conducted	Emission				
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Due Date
Spectrum Analyzer	Agilent	E4407B	MY45106456	Jul. 06, 2020	Jul. 05, 2021
Spectrum Analyzer	Rohde & Schwarz	ESPI	100010/007	Jul. 06, 2020	Jul. 05, 2021
MXA Signal Analyzer	Agilent	N9020A	MY49100060	Sep. 11, 2020	Sep. 10, 2021
Vector Signal Generator	Agilent	N5182A	MY50141294	Sep. 11, 2020	Sep. 10, 2021
Analog Signal Generator	Agilent	N5181A	MY50141953	Sep. 11, 2020	Sep. 10, 2021
THE STATE OF THE S	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO26	Sep. 11, 2020	Sep. 10, 2021
DE Dower Const	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO29	Sep. 11, 2020	Sep. 10, 2021
RF Power Sensor		11.3	4710004ECNO24	Con 11 2020	Sep. 10, 2021
	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO31	Sep. 11, 2020	Sep. 10, 2021



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# 5. Conducted Emission Test

#### 5.1 Test Standard and Limit

5.1.1Test Standard FCC Part 15.207

5.1.2 Test Limit

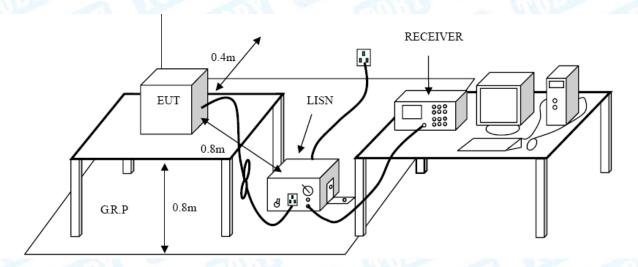
#### **Conducted Emission Test Limit**

The state of the s	Maximum RF Line	e Voltage (dBμV)
Frequency	Quasi-peak Level	Average Level
150kHz~500kHz	66 ~ 56 *	56 ~ 46 *
500kHz~5MHz	56	46
5MHz~30MHz	60	50

#### Notes:

- (1) \*Decreasing linearly with logarithm of the frequency.
- (2) The lower limit shall apply at the transition frequencies.
- (3) The limit decrease in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

#### 5.2 Test Setup





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#### 5.3 Test Procedure

The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/50uH of coupling impedance for the measuring instrument.

Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.

I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.

LISN at least 80 cm from nearest part of EUT chassis

The bandwidth of EMI test receiver is set at 9kHz, and the test frequency band is from 0.15MHz to 30MHz.

#### 5.4 Deviation From Test Standard

No deviation

#### 5.5 EUT Operating Mode

Please refer to the description of test mode.

#### 5.6 Test Data

Please refer to the Attachment A.



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# 6. Radiated Emission Test

#### 6.1 Test Standard and Limit

6.1.1 Test Standard FCC Part 15.209

6.1.2 Test Limit

#### Radiated Emission Limit (9 kHz~1000MHz)

Frequency (MHz	Field Strength (microvolt/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3 (10)
Above 960	500	3

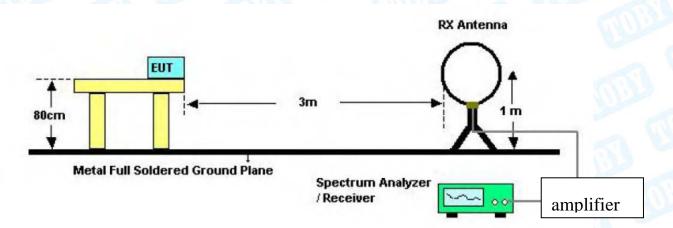
#### Radiated Emission Limit (Above 1000MHz)

Frequency	Distance of 3	m (dBuV/m)
(MHz)	Peak	Average
Above 1000	74	54

#### Note:

- (1) The tighter limit applies at the band edges.
- (2) Emission Level (dBuV/m)=20log Emission Level (uV/m)

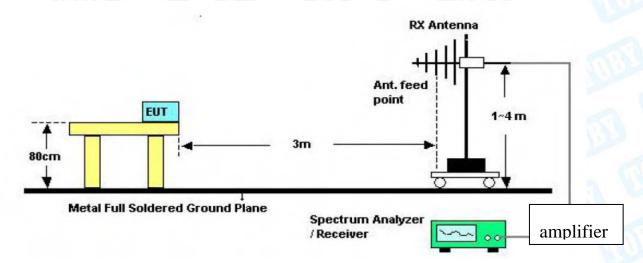
## 6.2 Test Setup



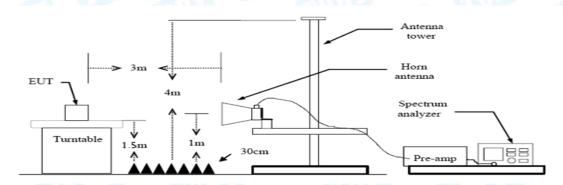


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### **Below 30MHz Test Setup**



**Below 1000MHz Test Setup** 



**Above 1GHz Test Setup** 



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#### 6.3 Test Procedure

(1) The measuring distance of 3m shall be used for measurements at frequency up to 1GHz and above 1 GHz. The EUT was placed on a rotating 0.8m high above ground, the table was rotated 360 degrees to determine the position of the highest radiation.

- (2) Measurements at frequency above 1GHz. The EUT was placed on a rotating 1.5m high above the ground. RF absorbers covered the ground plane with a minimum area of 3.0m by 3.0m between the EUT and measurement receiver antenna. The RF absorber shall not exceed 30cm in high above the conducting floor. The table was rotated 360 degrees to determine the position of the highest radiation.
- (3) The Test antenna shall vary between 1m and 4m, Both Horizontal and Vertical antenna are set to make measurement.
- (4) The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- (5) If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit Bellow 1 GHz, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed. But the Peak Value and average value both need to comply with applicable limit above 1 GHz.
- (6) Testing frequency range below 1GHz the measuring instrument use VBW=120 kHz with Quasi-peak detection.
- (7) Testing frequency range above 1GHz the measuring instrument use RBW=1 MHz and VBW=3 MHz with Peak Detector for Peak Values, and use RBW=1 MHz and VBW=10 Hz with Peak Detector for Average Values.
- (8) For the actual test configuration, please see the test setup photo.

#### 6.4 Deviation From Test Standard

No deviation

#### 6.4 EUT Operating Condition

The Equipment Under Test was set to Continual Transmitting in maximum power in TX mode.

#### 6.5 Test Data

Remark: During testing above 1GHz the measuring instrument use RBW=1 MHz and VBW=3 MHz with Peak Detector for Peak Values, and use RBW=1 MHz and VBW=10 Hz with Peak Detector for Average Values.

Please refer to the Attachment B.



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# 7. Peak Output Power Test

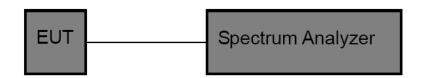
#### 7.1 Test Standard and Limit

7.1.1 Test Standard FCC Part 15.247 (b) (1)

7.1.2 Test Limit

Test Item	Limit	Frequency Range(MHz)
The same of the sa	Hopping Channels>75	
Peak Output Power	Power<1W(30dBm)	2400~2483.5
CHID.	Other <125 mW(21dBm)	

### 7.2 Test Setup



#### 7.3 Test Procedure

- (1) The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
- (2) Spectrum Setting:

Peak Detector: RBW=1 MHz, VBW=3 MHz for bandwidth less than 1MHz. RBW=3 MHz, VBW ≥ RBW for bandwidth more than 1MHz.

#### 7.4 Deviation From Test Standard

No deviation

## 7.5 EUT Operating Condition

The EUT was set to continuously transmitting in the max power during the test.

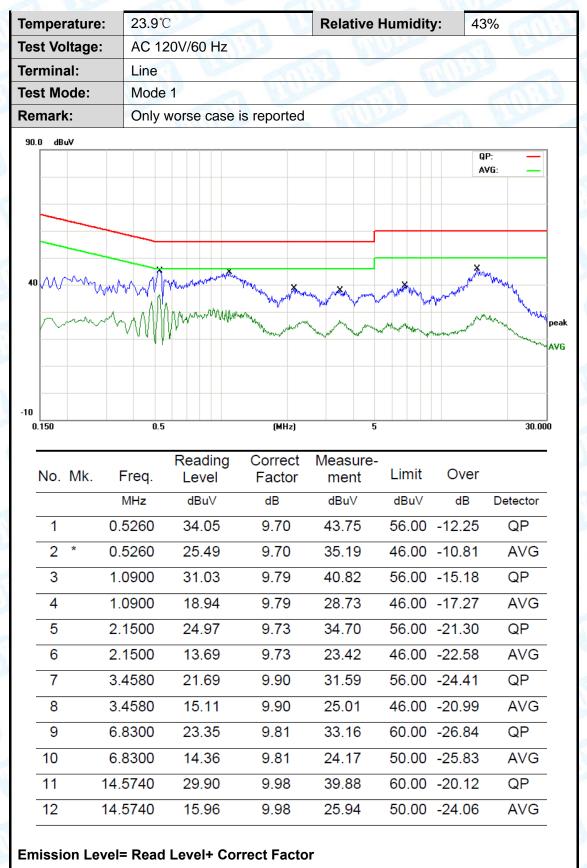
#### 7.6 Test Data

Please refer to the Attachment C.





**Attachment A-- Conducted Emission Test Data** 





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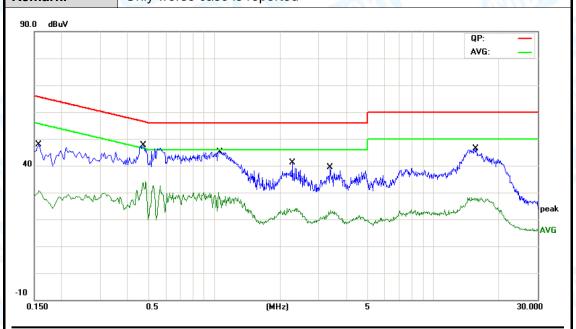
Temperature:
23.9°C
Relative Humidity:
43%

Test Voltage:
AC 120V/60 Hz

Terminal:
Neutral

Test Mode:
Mode 1

Remark:
Only worse case is reported



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBu∀	dBu∀	dB	Detector
1		0.1580	28.90	9.80	38.70	65.56	-26.86	QP
2		0.1580	16.49	9.80	26.29	55.56	-29.27	AVG
3	*	0.4740	32.86	9.80	42.66	56.44	-13.78	QP
4		0.4740	18.55	9.80	28.35	46.44	-18.09	AVG
5		1.0580	30.32	9.80	40.12	56.00	-15.88	QP
6		1.0580	16.04	9.80	25.84	46.00	-20.16	AVG
7		2.2700	19.60	9.80	29.40	56.00	-26.60	QP
8		2.2700	11.17	9.80	20.97	46.00	-25.03	AVG
9		3.3700	18.08	9.80	27.88	56.00	-28.12	QP
10		3.3700	10.67	9.80	20.47	46.00	-25.53	AVG
11		15.6820	28.43	10.00	38.43	60.00	-21.57	QP
12		15.6820	16.06	10.00	26.06	50.00	-23.94	AVG

**Emission Level= Read Level+ Correct Factor** 



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# **Attachment B-- Radiated Emission Test Data**

#### 9KHz~30MHz

From 9KHz to 30MHz: Conclusion: PASS

Note: The amplitude of spurious emissions which are attenuated by more than 20dB

below the permissible value has no need to be reported.

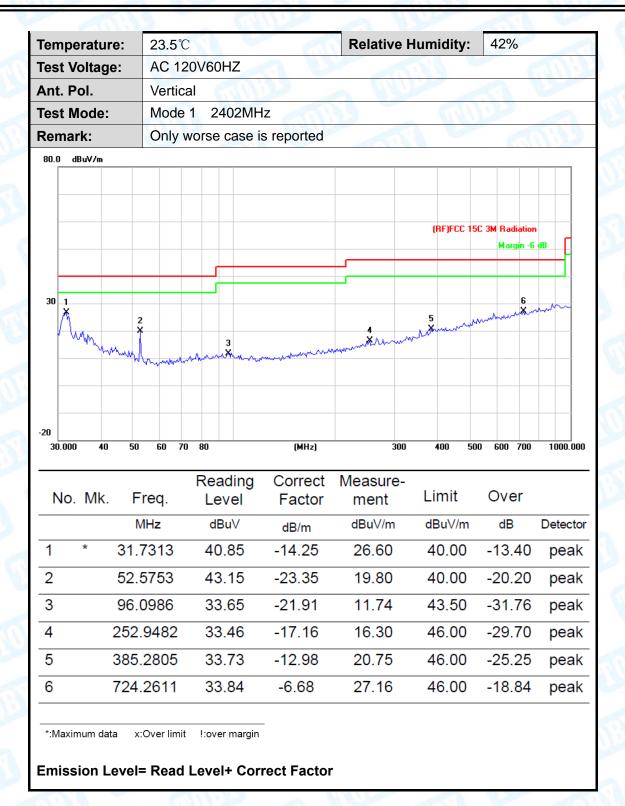
#### 30MHz~1GHz

rature:		23.5℃ Relative Humidity:					429	42%			
oltage:		AC 120V60HZ									
ol.		Horizontal									
ode:		Mode 1 2402MHz									
nark: Only worse case is reported											
BuV/m											
· · · · · · · · · · · · · · · · · · ·					2	3 	4	(RF)FCC 1			
40	En	co	70	on.		(MU-)	200	400 6	500 600	700	1000.00
40	30	60						400 (	000 600	700	1000.00
Mk.	Fre	eq.			_	Correct Factor	Measure- ment	Limit	Ove	er	
	МН	z		d	Bu∨	dB/m	dBuV/m	dBuV/m	dB		Detector
3	0.00	000		31	1.48	-12.95	18.53	40.00	-21.	47	peak
9	8.14	119		33	3.83	-21.92	11.91	43.50	-31.	59	peak
16	62.6	106	<b>)</b>	35	5.72	-20.71	15.01	43.50	-28.	49	peak
24	49.4	250	)	37	7.14	-17.25	19.89	46.00	-26.	11	peak
55	58.7	302	2	33	3.19	-8.82	24.37	46.00	-21.	63	peak
			)		3.61	-4.65	28.96	46.00	-17.	04	peak
	Mk.	Mk. Fre MH 30.00 98.14 162.6 249.4	Mk. Freq. MHz 30.0000 98.1419 162.6106	AC 12 ol. Horizo ode: Mode k: Only v  Buv/m  Mk. Freq. MHz 30.0000	Ditage: AC 120V6 Ditage: Mode 1  K: Only wors  BuV/m  Rea  MK. Freq. Le  MHz di  30.0000 31  98.1419 33  162.6106 35  249.4250 37	Ditage: AC 120V60HZ Di. Horizontal Ode: Mode 1 2402N k: Only worse case BuV/m  Reading Level MHz dBuV 30.0000 31.48 98.1419 33.83 162.6106 35.72 249.4250 37.14	Ditage: AC 120V60HZ Ditage: Mode 1 2402MHz Node: Mode 1 2402MHz Nole	AC 120V60HZ  ol. Horizontal  ode: Mode 1 2402MHz  k: Only worse case is reported  BuV/m  Reading Correct Measure- ment  MHz dBuV dB/m dBuV/m  30.0000 31.48 -12.95 18.53  98.1419 33.83 -21.92 11.91  162.6106 35.72 -20.71 15.01  249.4250 37.14 -17.25 19.89	Ditage: AC 120V60HZ Dil. Horizontal Ode: Mode 1 2402MHz k: Only worse case is reported  BAV/IN  Reading Correct Measure- Limit MHz dBuV dB/m dBuV/m dBuV/m  30.0000 31.48 -12.95 18.53 40.00 98.1419 33.83 -21.92 11.91 43.50 162.6106 35.72 -20.71 15.01 43.50 249.4250 37.14 -17.25 19.89 46.00	Ditage: AC 120V60HZ Dil. Horizontal Ode: Mode 1 2402MHz k: Only worse case is reported  Reading Correct Measure— MHz dBuV dB/m dBuV/m d	Ditage: AC 120V60HZ  Ditage: Mode 1 2402MHz  k: Only worse case is reported  ### AC 120V60HZ    Mode 1 2402MHz

**Emission Level= Read Level+ Correct Factor** 



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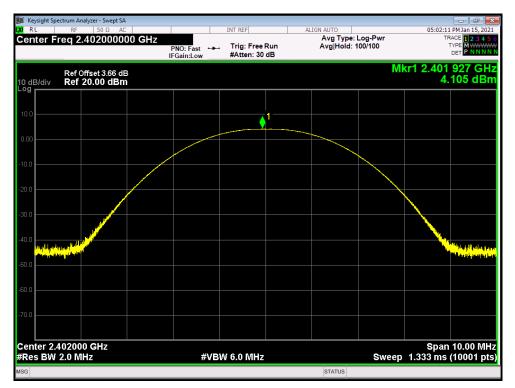




**Attachment C-- Peak Output Power Test Data** 

Temperature:	25℃		Relative Humidit	y: 55%
Test Voltage:	DC 3.8V	mn is a	AND .	
Test Mode:	TX Mode	(GFSK)	13	
Channel frequen	cy (MHz)	Test Result	(dBm)	Limit (dBm)
2402		4.105		
2441		3.713		30
2480		3.842		
		CECK TV I		

#### **GFSK TX Mode**

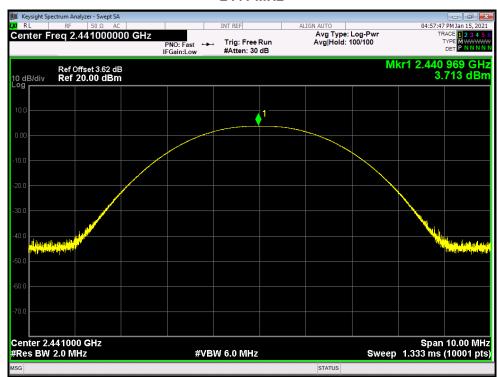




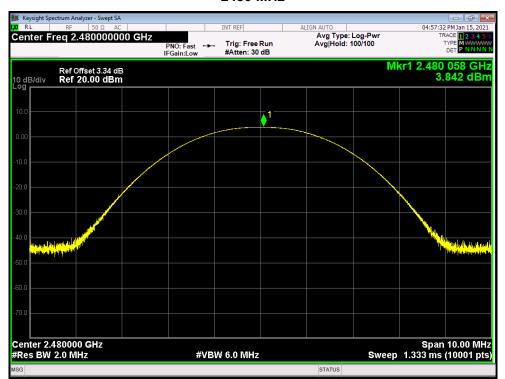
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#### **GFSK TX Mode**

#### 2441 MHz



#### **GFSK TX Mode**

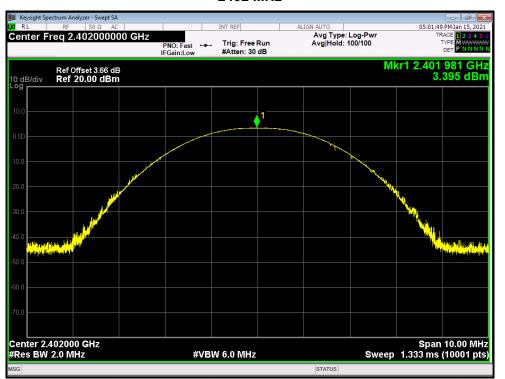




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Temperature:	25℃		Relative Humidity:	55%		
Test Voltage:	DC 3.8V	TO U		ann's		
Test Mode:	TX Mode	(π/4-DQPSK)				
Channel frequency (MHz)		Test Result	(dBm) Li	imit (dBm)		
2402		3.395				
2441		2.921		30		
2480		3.051				
		- /4 DODGK T	V Mada			

#### π/4-DQPSK TX Mode

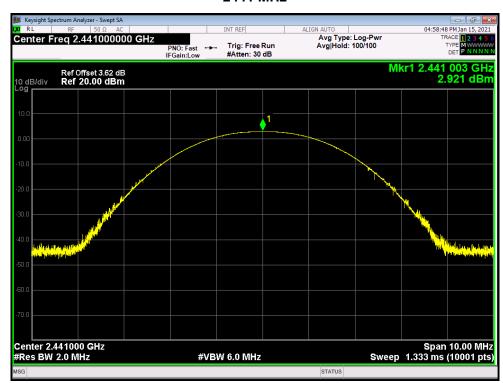




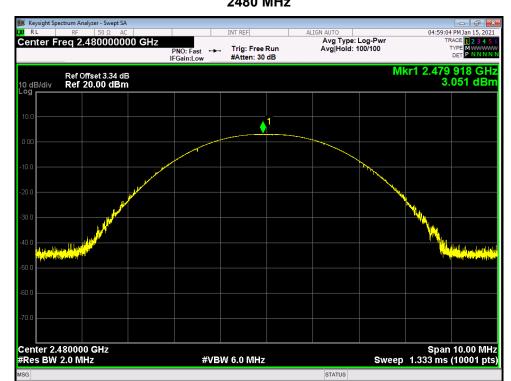
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#### π/4-DQPSK TX Mode

#### 2441 MHz



#### π /4-DQPSK TX Mode

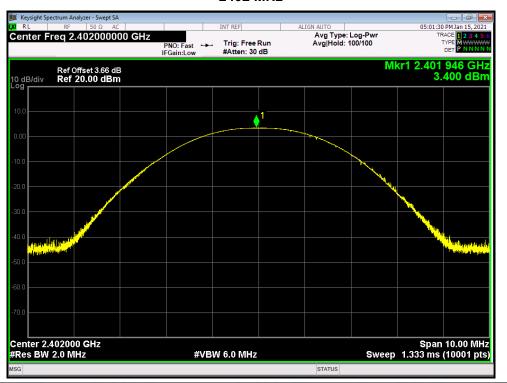




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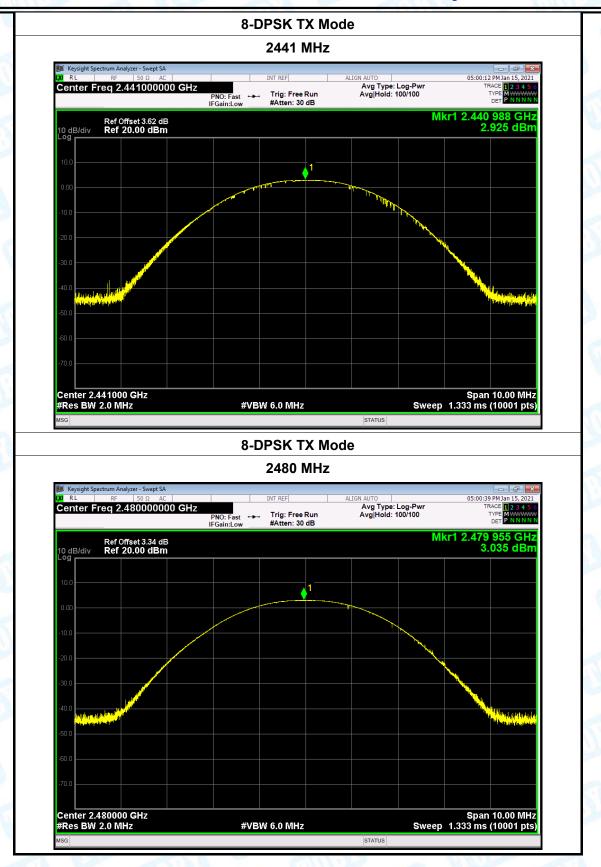
Temperature:	25℃		Relative Humidity:	55%		
Test Voltage:	DC 3.8V	10		ani)		
Test Mode:	TX Mode	e (8-DPSK)				
Channel frequen	cy (MHz)	Test Result (dBm)		nit (dBm)		
2402		3.400				
2441		2.925		30		
2480		3.035				
		O DDCK TV N	lada			

#### 8-DPSK TX Mode





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